LIST OF CLAIMS

1.(original) A method for manufacturing a waterproof zipper comprising steps of: (a) feeding a nylon zipper to a feeding device; (b) passing the nylon zipper to a gluing device and coating PU gel on backsides of the fastener strips of the nylon zipper; (c) adhering a PU film with PU gel on backsides of the fastener strips by using rollers to press the PU film so as to be formed as a waterproof layer; wherein the PU film is adhered on a release paper; (d) heating the PU film and PU gel to be formed as a waterproof layer; (e) cutting the waterproof layer along a center of the waterproof layer so as to be formed with two waterproof layers which are located at the two fastener strips; and thus a waterproof zipper being formed and (f) guiding the waterproof zipper out.

2. (original) The method of claim 1, wherein after step (c), further comprising a step (c1) of pressing the PU gel into the fastener strips by rollers.

3. (original) The method of claim 2, wherein the steps of (c) and (c1) are repeated through predetermined times.

4. (original) The method of claim 2, wherein after step (c1), a step (c2) is performed for drying the fastener strips.

5. (original) The method of claim 1, wherein after the step (d), a step (d1) is performed for compressing the PU film, PU gel and fastener strips from two sides thereof.

6. (original) The method of claim 1, wherein between step (b) and (c) further comprising a step (b1) of printing pattern on the PU film.

7. (original) The method of claim 1, between step (b) and (c) further comprising a step (b1) of forming textures on the PU film.

8. (original) The method of claim 1, wherein before step (c), the PU film is pressed at two sides.

9.(original) A method for manufacturing a waterproof zipper comprising a step of: (a) feeding a nylon zipper to a feeding device; (b) passing the nylon zipper to a gluing device and coating PU gel on backsides of the fastener strips of the nylon zipper; (c) pressing the PU gel into the fastener strips by using capillary effect; (d) vaporizing solvent in the PU gel in a drying box; (e) adhering a PU film with PU gel on backsides of the fastener strips by using rollers to press the PU film so as to be formed as a waterproof layer; wherein the PU film is adhered on a release paper; (f) heating the PU film and PU gel to be formed as a waterproof layer; (g) cutting the waterproof layer along a center of the waterproof layer so as to be formed with two waterproof layers which are located at the two fastener strips; and thus a waterproof zipper being formed and (h) guiding the waterproof zipper out.

10. (original) The method of claim 9, wherein after heating step, further comprising a step of extruding the PU film, PU gel and fastener strips so as to firmly combine the PU film, PU gel and fastener strips.

11. (cancelled) ~~The method of claim 9, wherein after heating step, further comprising a step of extruding the PU film, PU gel and fastener strips so as to firmly combine the PU film, PU gel and fastener strips.~~

12. (original) The method of claim 9, wherein between steps (d) and (e) further

comprising a step (d1) of printing patterns on the PU film.

13. (original) The method of claim 9, between steps (d) and (e) further comprising a step (d1) of forming textures on the PU film.

14. (original) The method of claim 9, between step (d) and (e), further comprising steps of: output the nylon zipper by a guide device; feeding a nylon zipper to a feeding device;

15. (original) The method of claim 14, wherein after heating step, further comprising a step of compressing the PU film, PU gel and fastener strips at two sides so as to firmly combine the PU film, PU gel and fastener strips.

16. (withdrawn) A nylon waterproof zipper comprising two symmetric fastener strips; each fastener strip has a front surface and a back surface; an inner side of the front surface of each fastener strip having a cord thread protruded from the surface; two chains being mounted along the cord threads, respectively; the cord threads being fixed to the fastener strips, respectively; the two chains being engaged by a coupling slider; a back surface of each fastener strip being combined with a thin waterproof layer; characterized in that: a back surface of each fastener strip is permeated with PU gel; and then a PU film is adhered to the back surface by thermal plastic stage so as to be formed as a waterproof layer which includes an inner layer of the PU gel permeating into the fastener strips and an outer layer at an outer side of the fastener strips.

17. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein the waterproof layer is formed with textures.

18. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one third of each fastener strip.

19. (withdrawn) The nylon waterproof zipper as claimed in claim 1, wherein a thickness of the inner layer is over one half of each fastener strip.